DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

the specification of which

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

GENOMICS APPLICATIONS FOR MODIFIED OLIGONUCLEOTIDES

| • | | | | | |
|-------------|------------------------|-----------------|-----|--|--|
| (check one) | [X] is attached hereto | | | | |
| | [] was filed on | | as | | |
| | Application Serial No. | | and | | |
| | was amended on | | · | | |
| | | (if applicable) | | | |

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I do not know and do not believe that the invention was ever patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application.

I do not know and do not believe that the invention was in public use or on sale in the United States of America more than one year prior to this application.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim priority benefits under Title 35, United States Code, § 119(a) of any foreign application(s) for patent or inventor's certificate listed below and under Title 35, United States Code, § 119(e) of any provisional applications filed under 35 U.S.C. § 111(b) listed below and have also identified below any foreign application for patent, inventor's certificate or provisional application having a filing date before that of the application on which priority is claimed:

Prior Foreign or Provisional Application(s)

| | | | | | | Priorit Claim | • |
|---|--|---|--|--|---|---------------------------|--------------------------------|
| 60/279,146 | United | States | | rch 2001 | | [X] | [] |
| (Number) | (C | ountry) | (Day | /Month/Y | ear Filed) | Yes | No |
| 60/325,828 | | States | | tember 2 | | [X] | [] |
| (Number) | (C | ountry) | (Day/ | /Month/Y | ear Filed) | Yes | No |
| application(s) listed be application is not disclude first paragraph of to the United States Paragraph as defined available between the international filing data | losed in Title 35 atent an ned in filing d | the prior Uni, United State d Trademark (Title 37, Code ate of the priors application: 27 March 20 | ted States aps Code, § 11 Office all into of Federal lar application | oplication 2, I acknotion formation Regulatio | in the mann owledge the known by r ns, § 1.56 w national or I | duty to ne to be hich bed | ided by disclose material came |
| (Appln. Serial No.) (Filing Date) | | | (Status)(patented, pending, abandoned) | | | | |
| As a named inventor, application and transaction and transaction and transaction and transaction are supplied to the supplied the supplied to | | | - | | - | | |
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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